

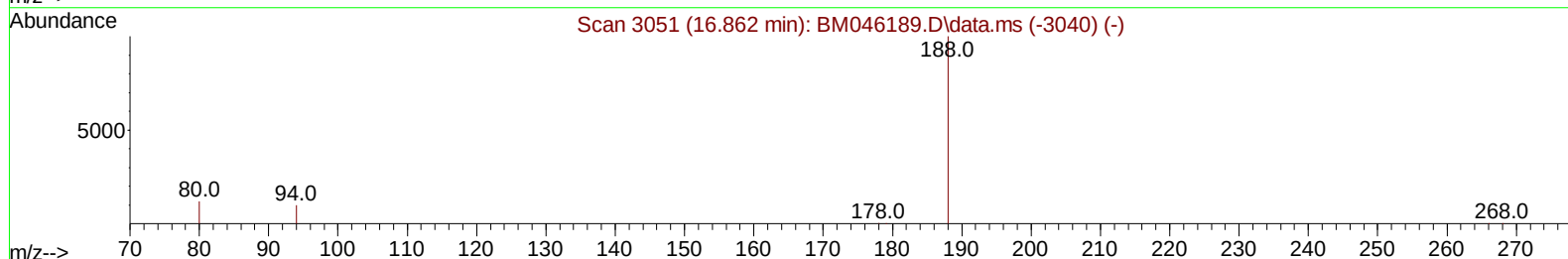
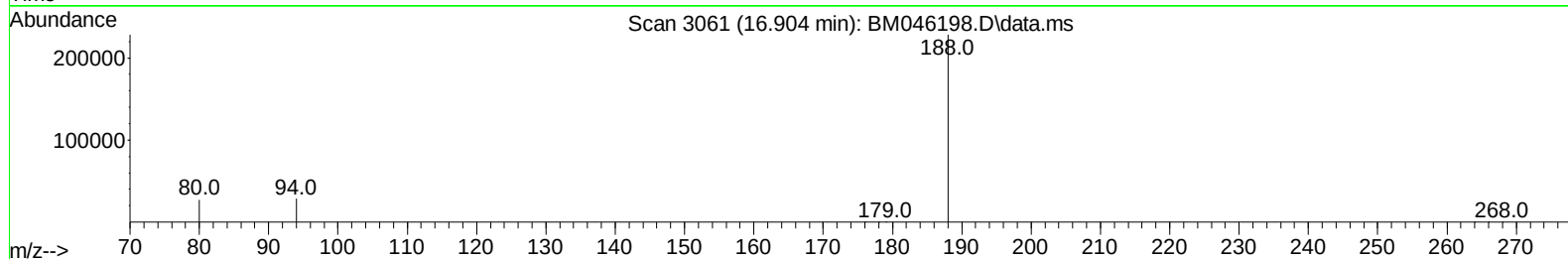
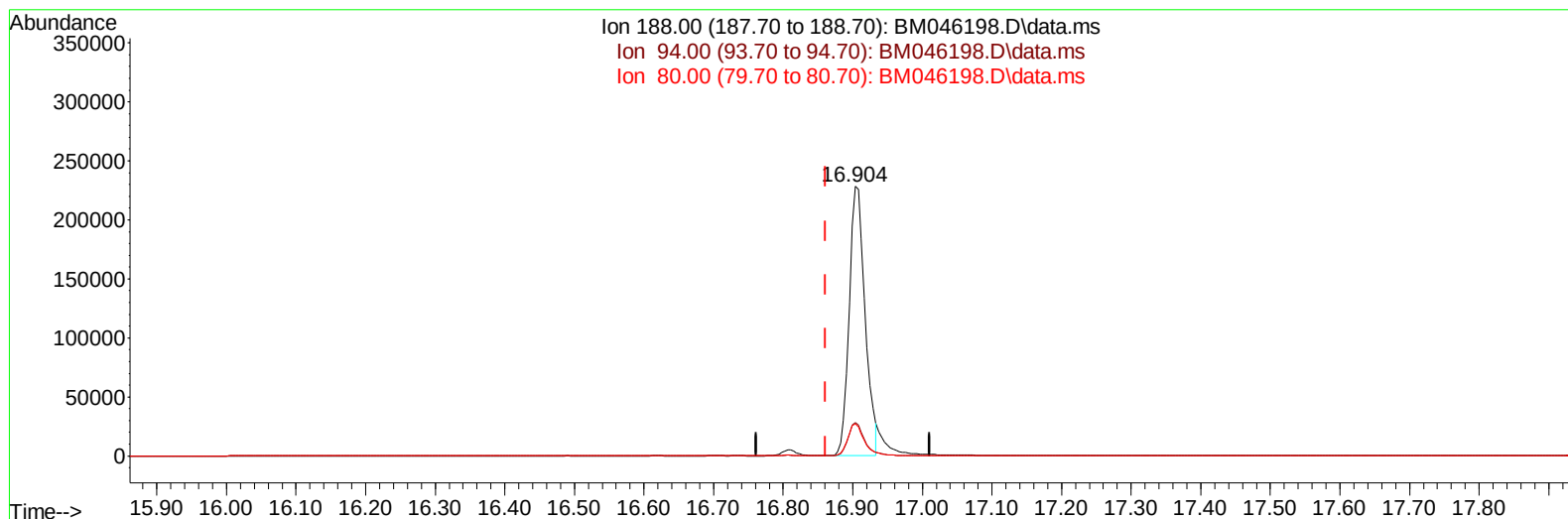
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(13) Phenanthrene-d10 (I)

16.904min (+ 0.042) 0.40 ng/u1

response 362101

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.48
80.00	15.20	11.90#
0.00	0.00	0.00

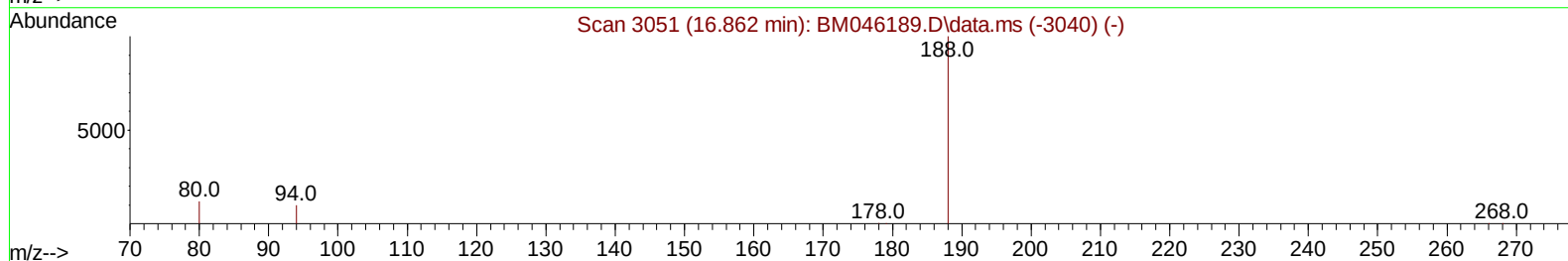
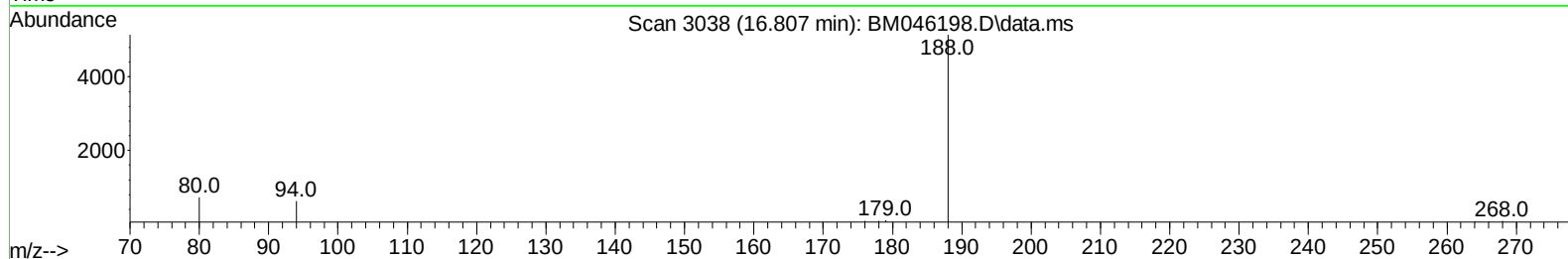
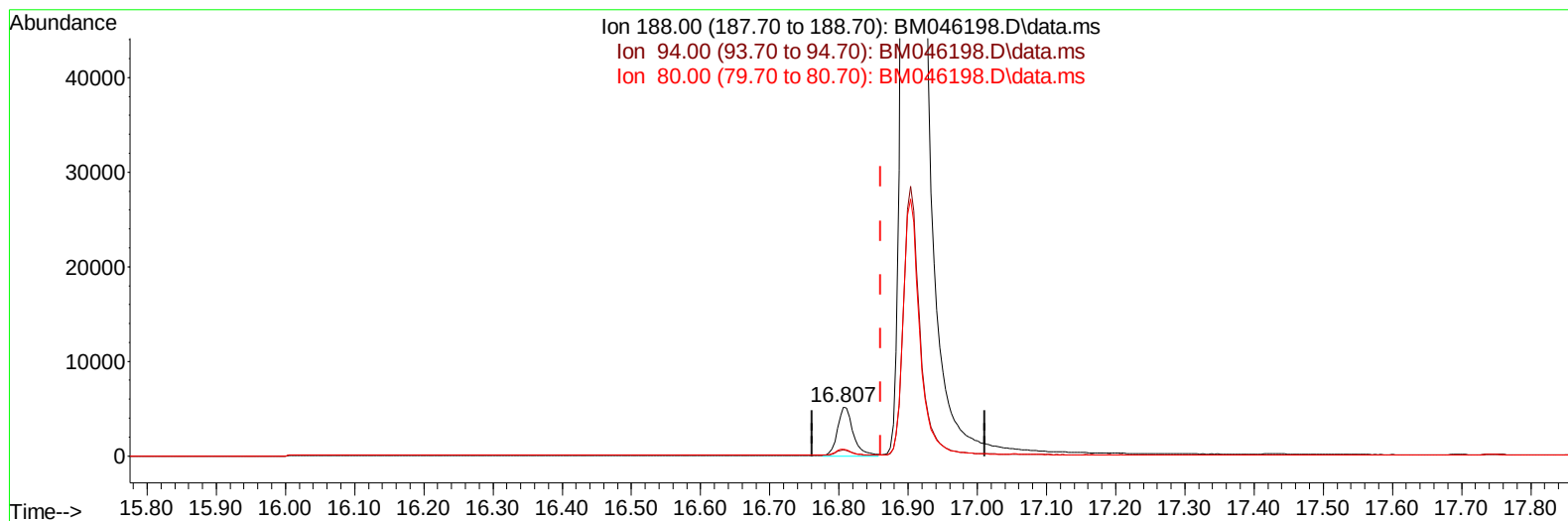
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046198.D\data.ms

(13) Phenanthrene-d10 (I)

16.807min (-0.055) 0.40 ng/ul m

response 8154

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.17
80.00	15.20	14.09
0.00	0.00	0.00

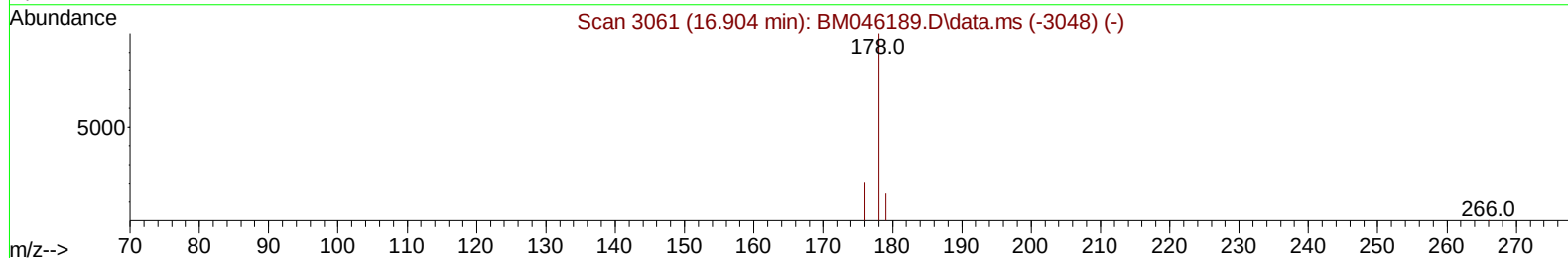
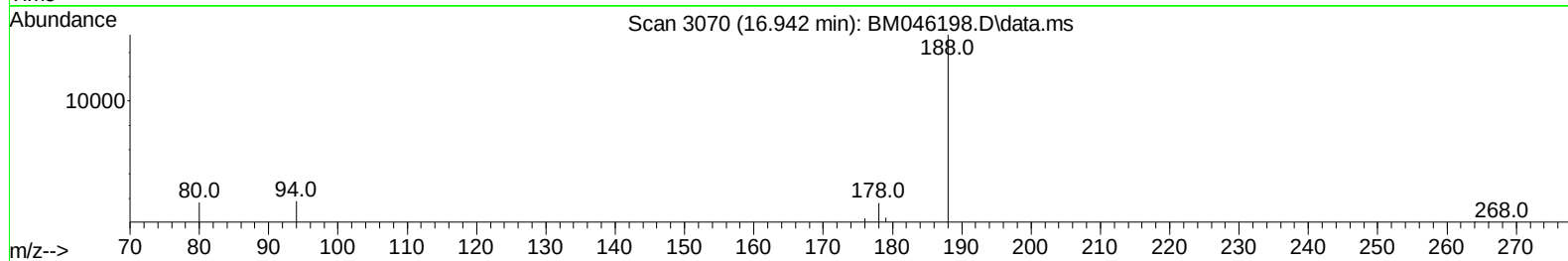
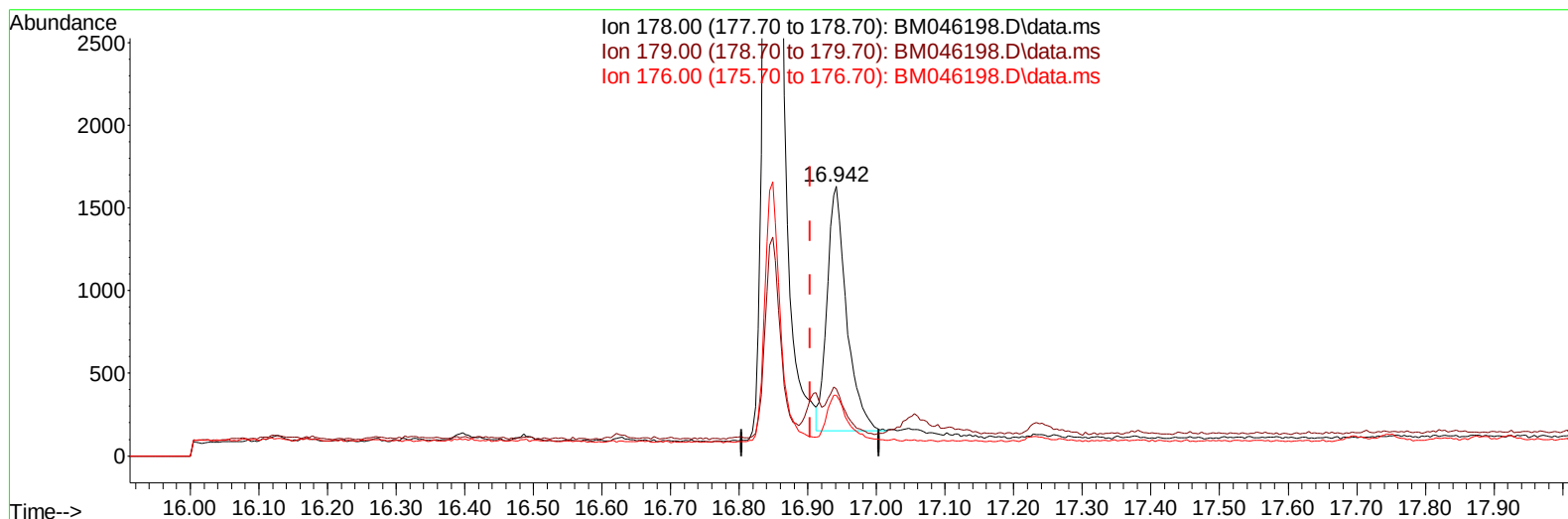
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(15) Phenanthrene

16.942min (+ 0.038) 0.13 ng/u1

response 2915

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	24.92#
176.00	21.40	22.53
0.00	0.00	0.00

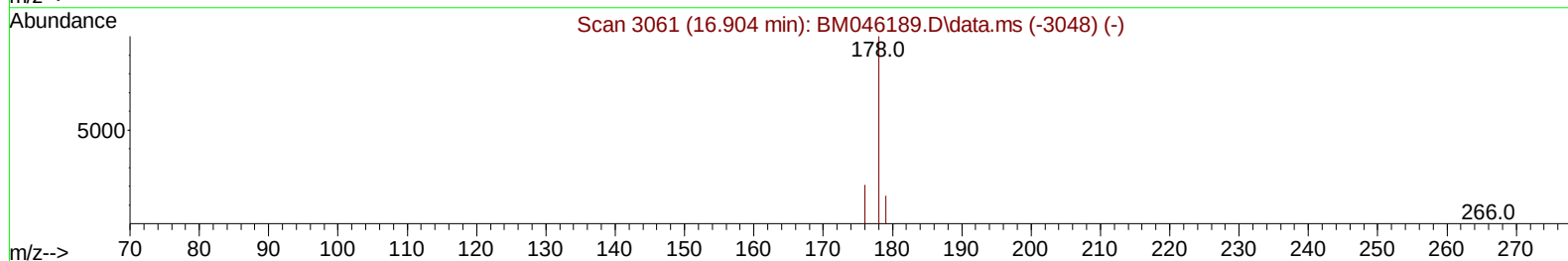
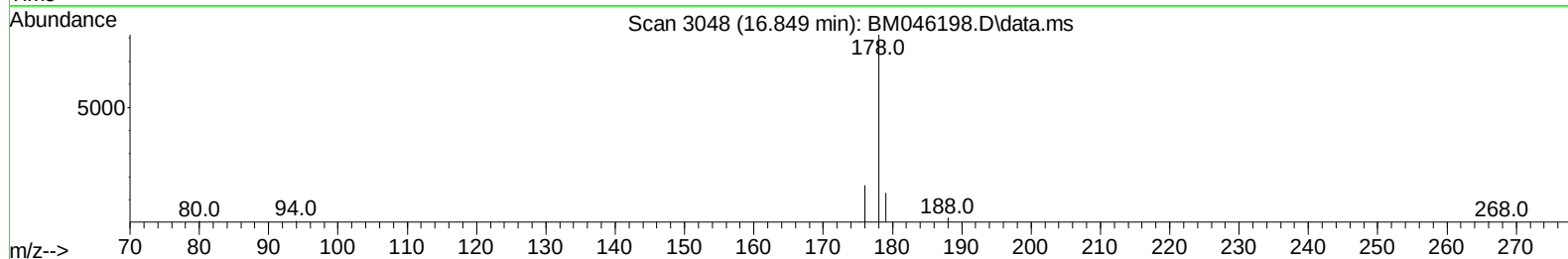
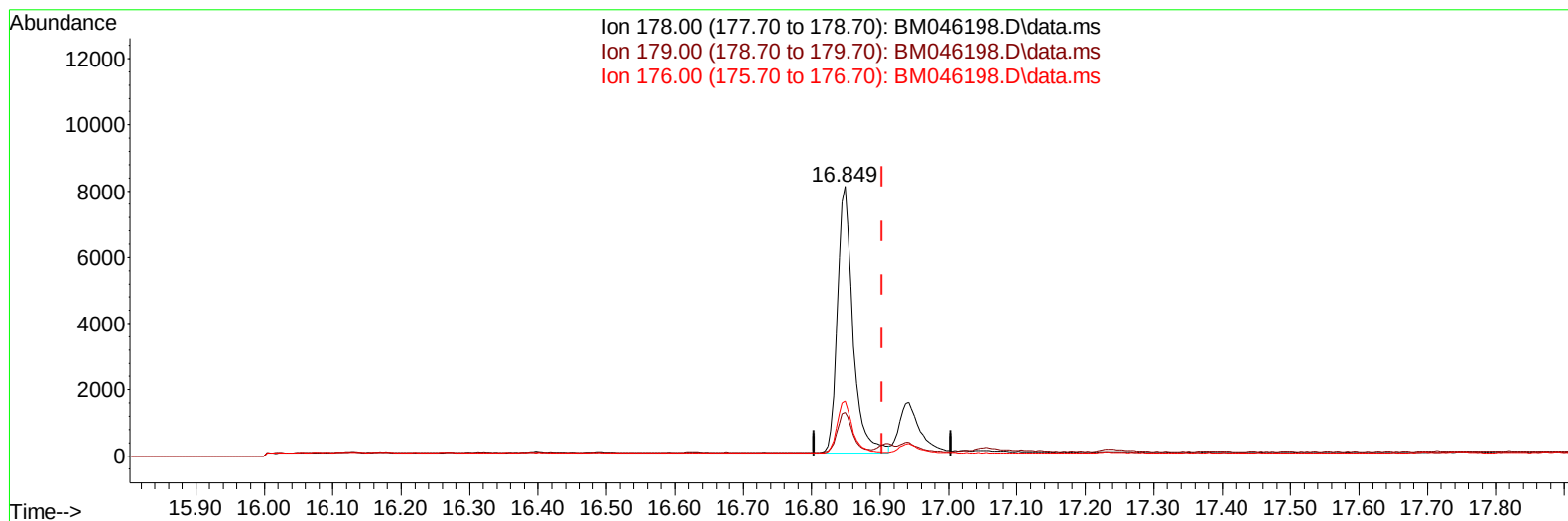
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046198.D
 Acq On : 22 Jun 2024 15:15
 Operator : MA/JU
 Sample : P2775-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(15) Phenanthrene

16.849min (-0.055) 0.56 ng/ul m

response 12779

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	16.28
176.00	21.40	20.35
0.00	0.00	0.00

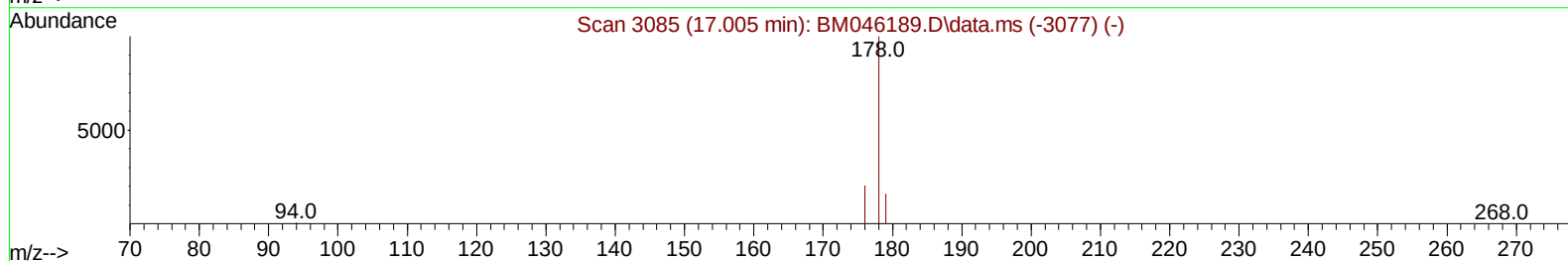
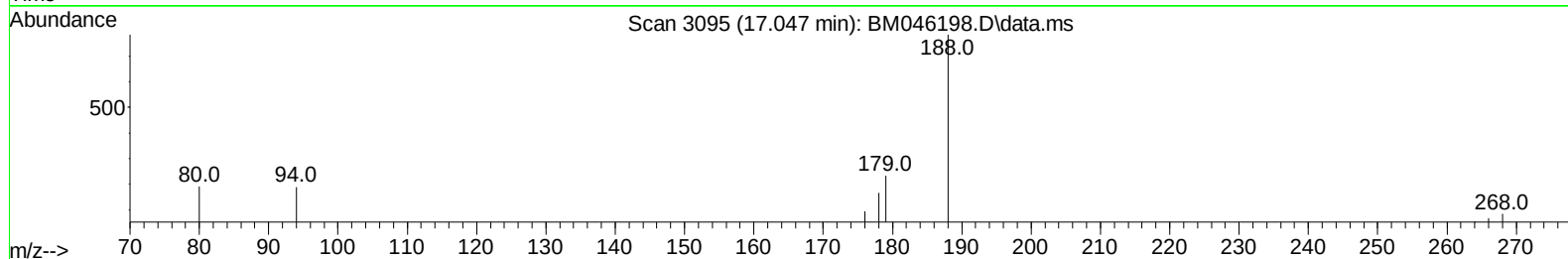
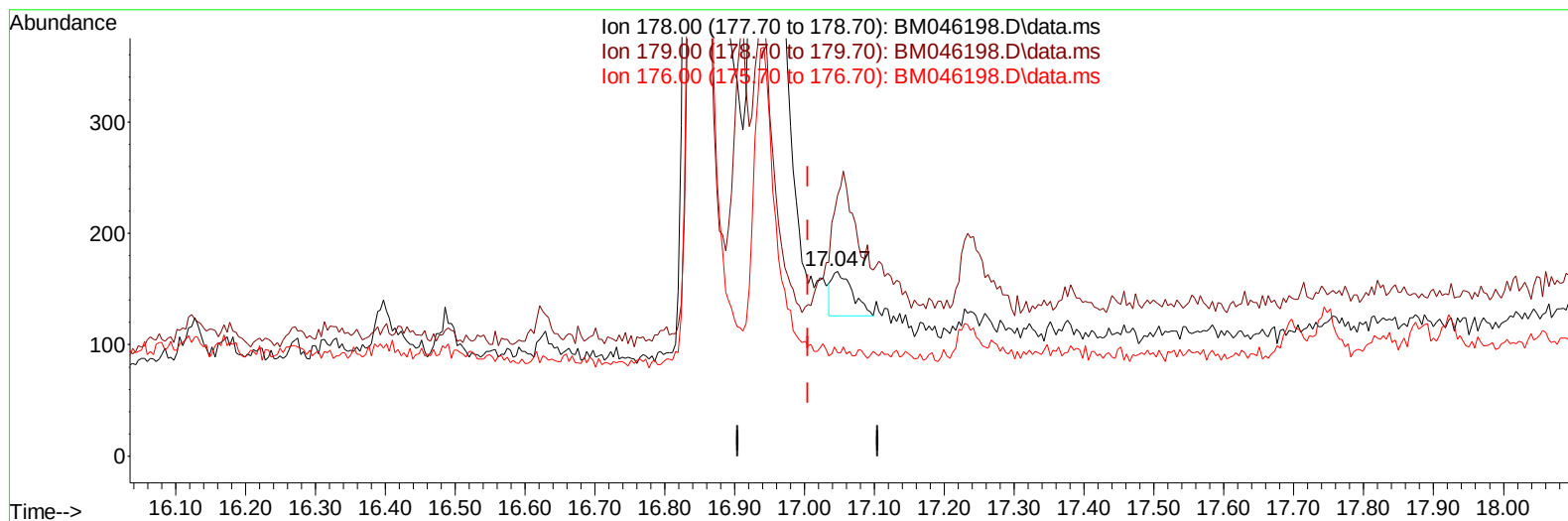
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
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TIC: BM046198.D\data.ms

(16) Anthracene

17.047min (+ 0.042) 0.00 ng/u1

response 81

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	140.96#
176.00	21.20	56.02#
0.00	0.00	0.00

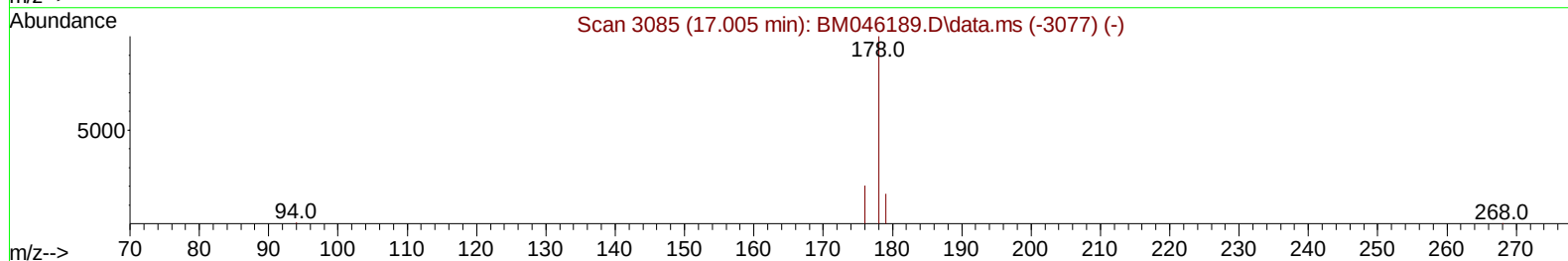
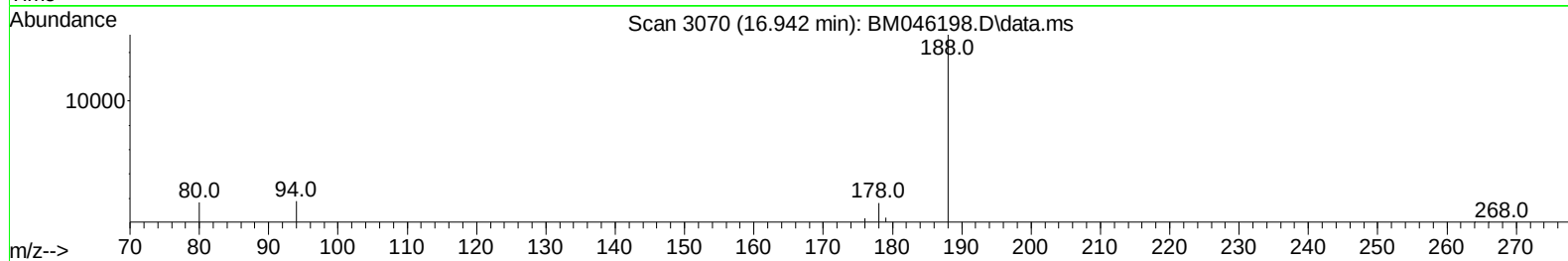
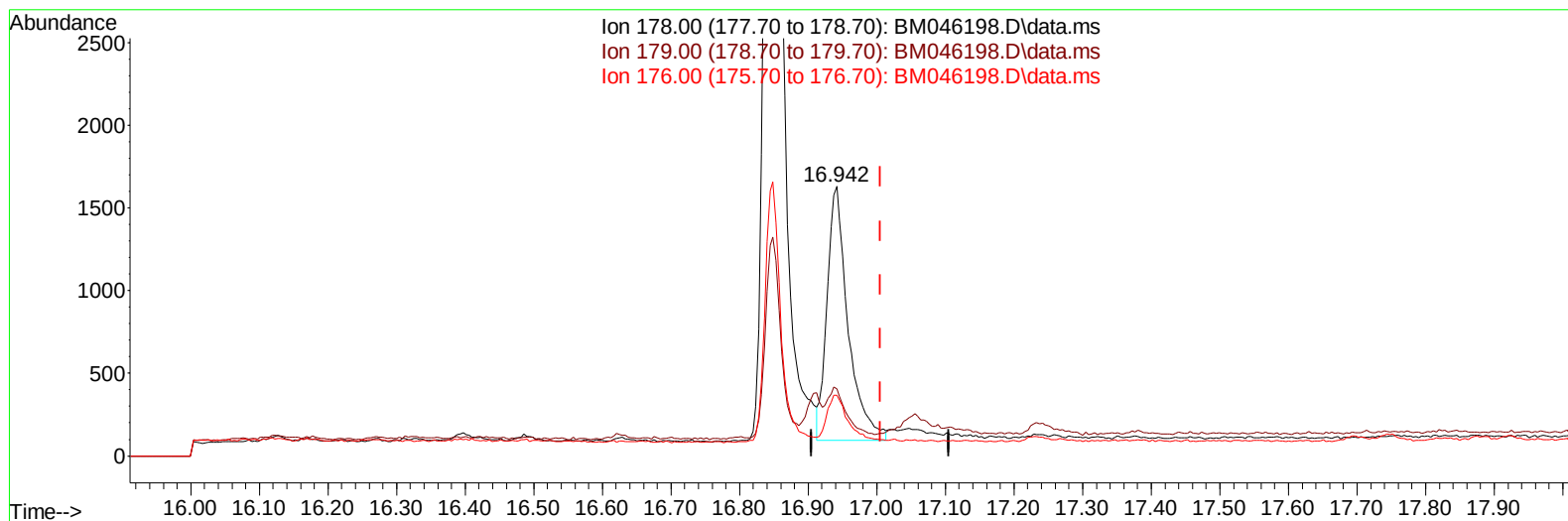
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(16) Anthracene

16.942min (-0.063) 0.19 ng/ul m

response 3267

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	24.92#
176.00	21.20	22.53
0.00	0.00	0.00

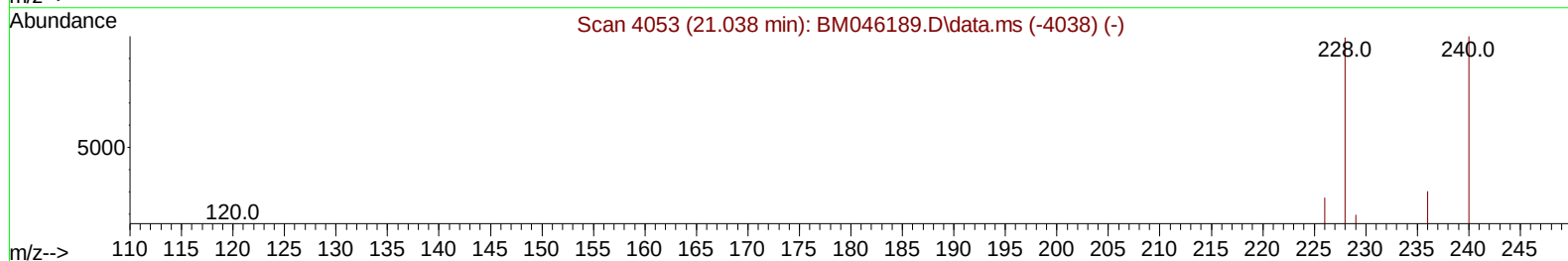
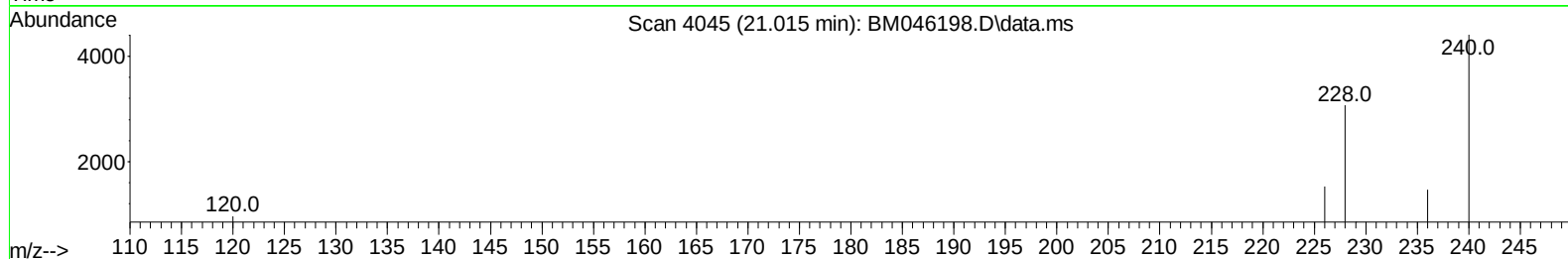
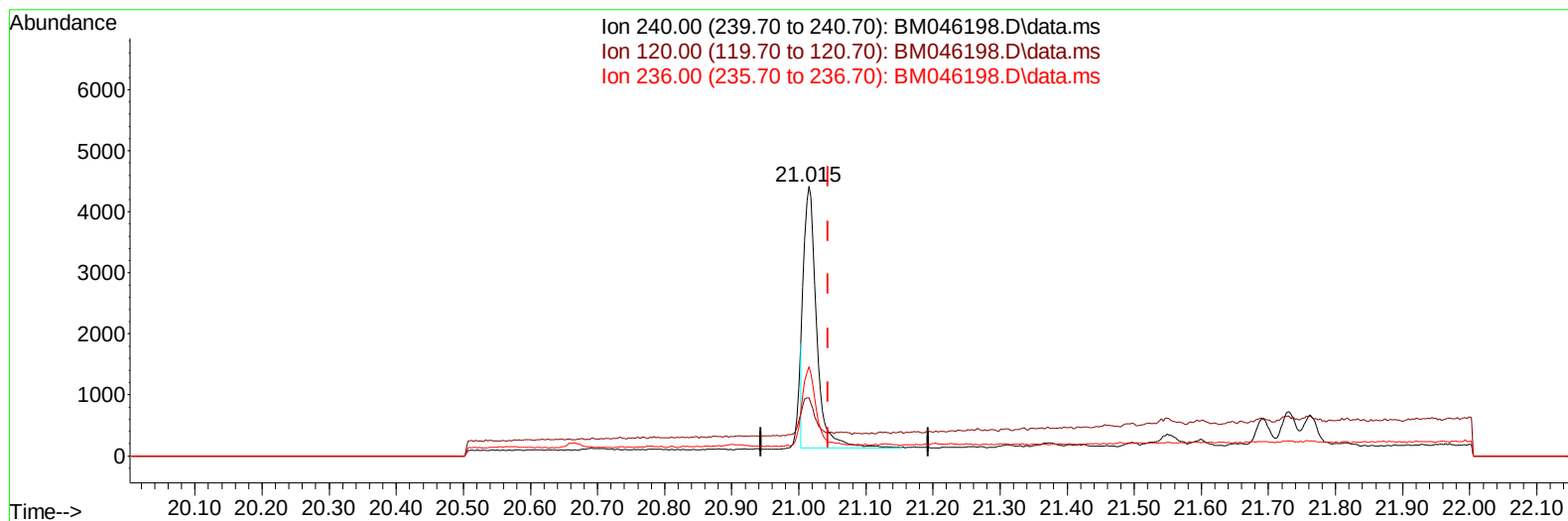
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
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TIC: BM046198.D\data.ms

(17) Chrysene-d12

21.015min (-0.029) 0.40 ng/u1

response 5676

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.63
236.00	33.60	33.14
0.00	0.00	0.00

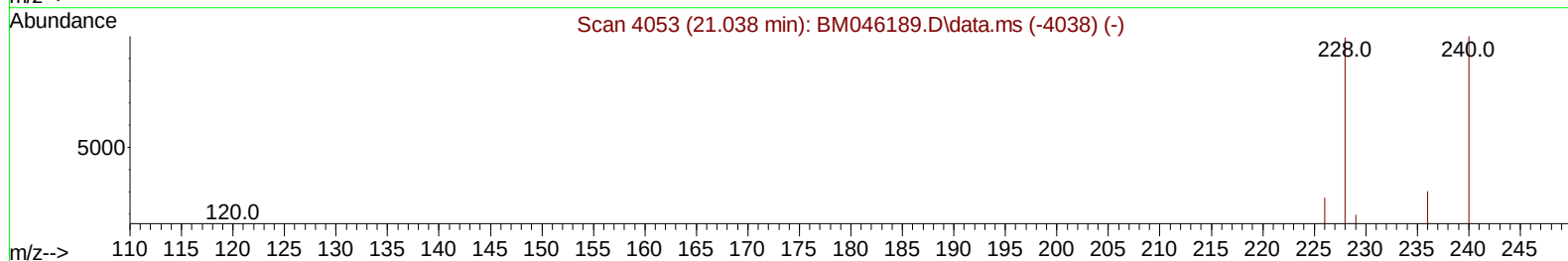
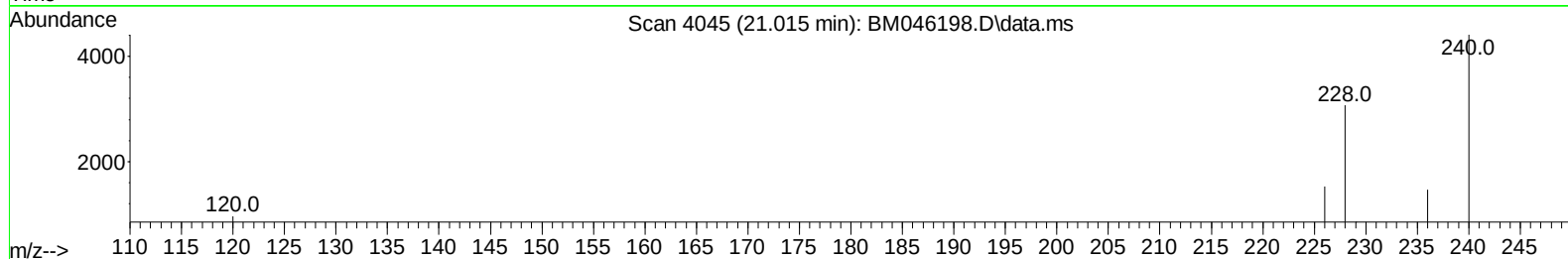
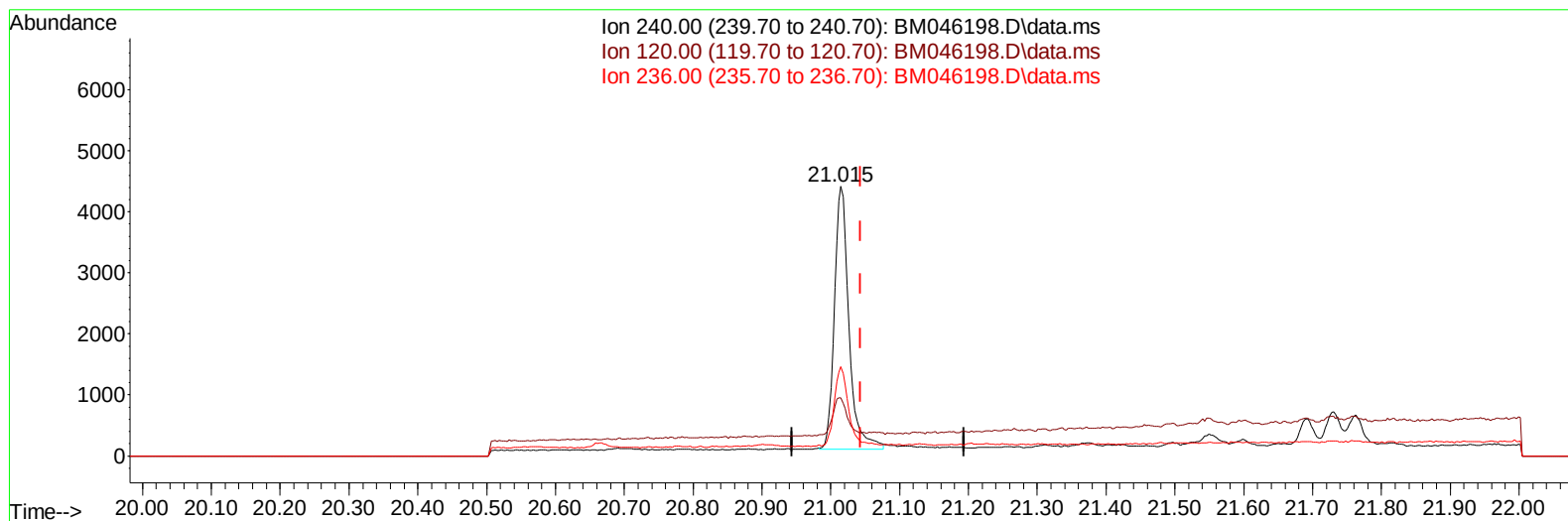
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(17) Chrysene-d12

21.015min (-0.029) 0.40 ng/ul m

response 6348

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.63
236.00	33.60	33.14
0.00	0.00	0.00

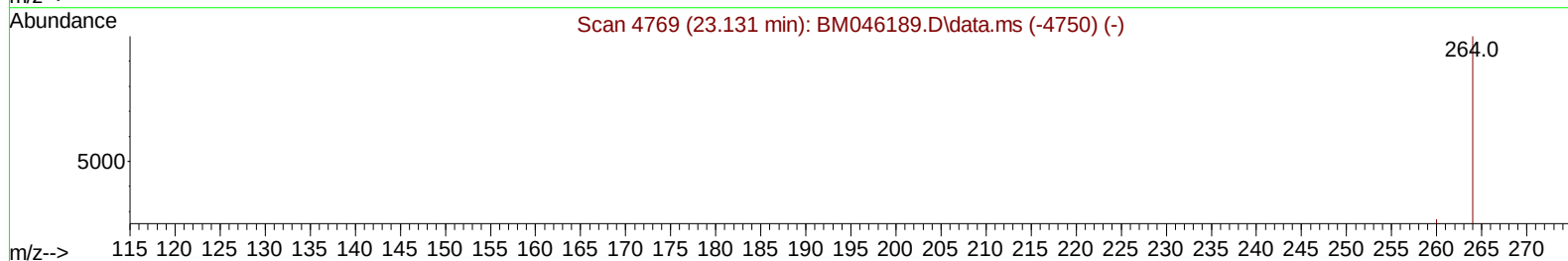
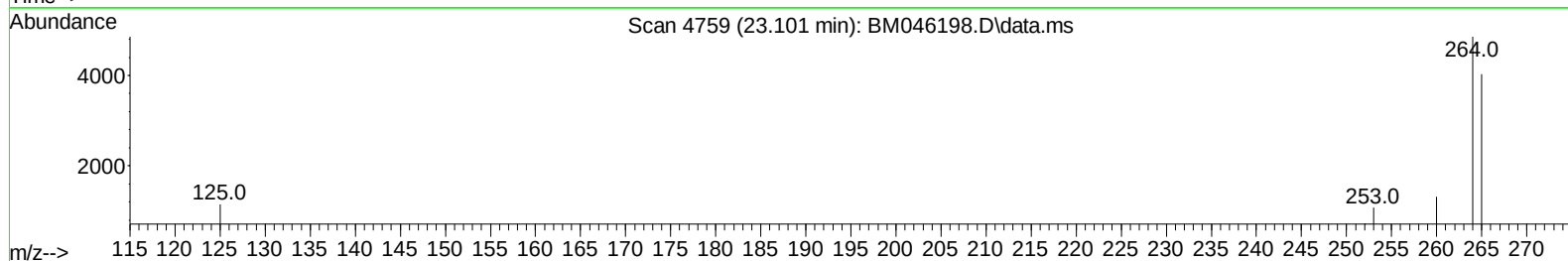
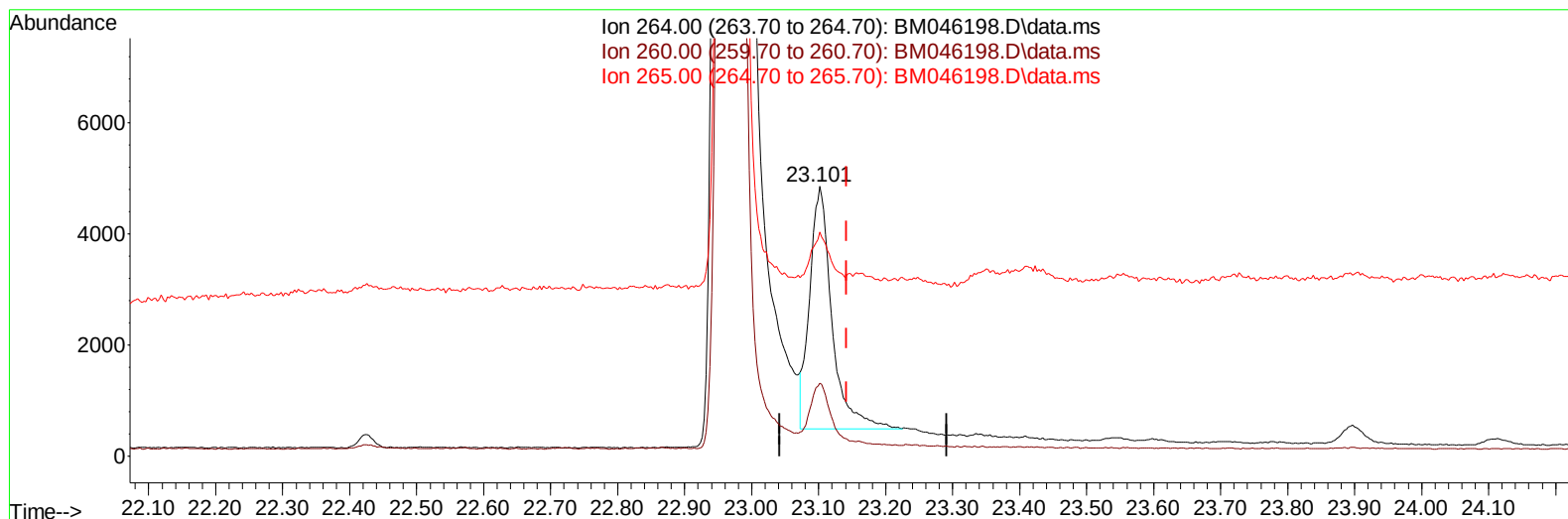
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
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TIC: BM046198.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/u1

response 10088

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.01
265.00	110.60	83.06#
0.00	0.00	0.00

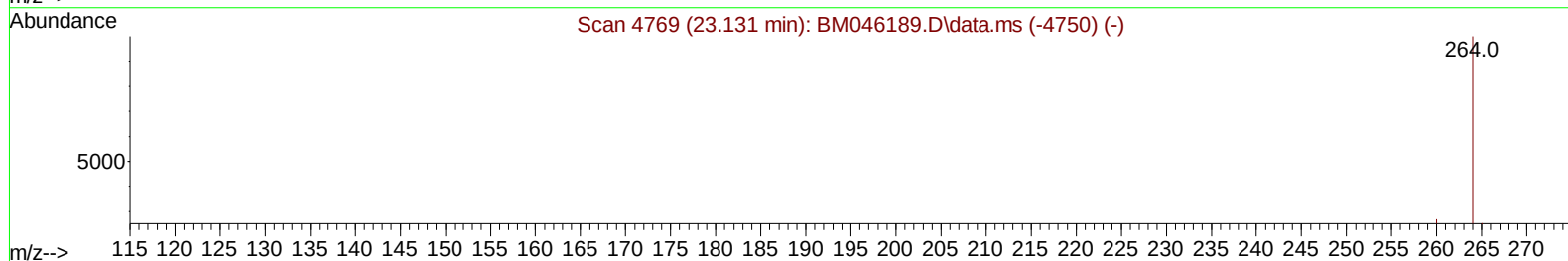
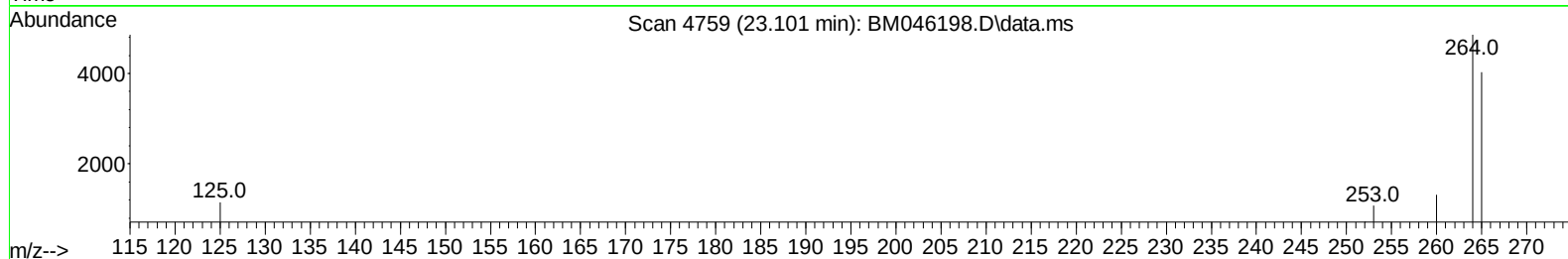
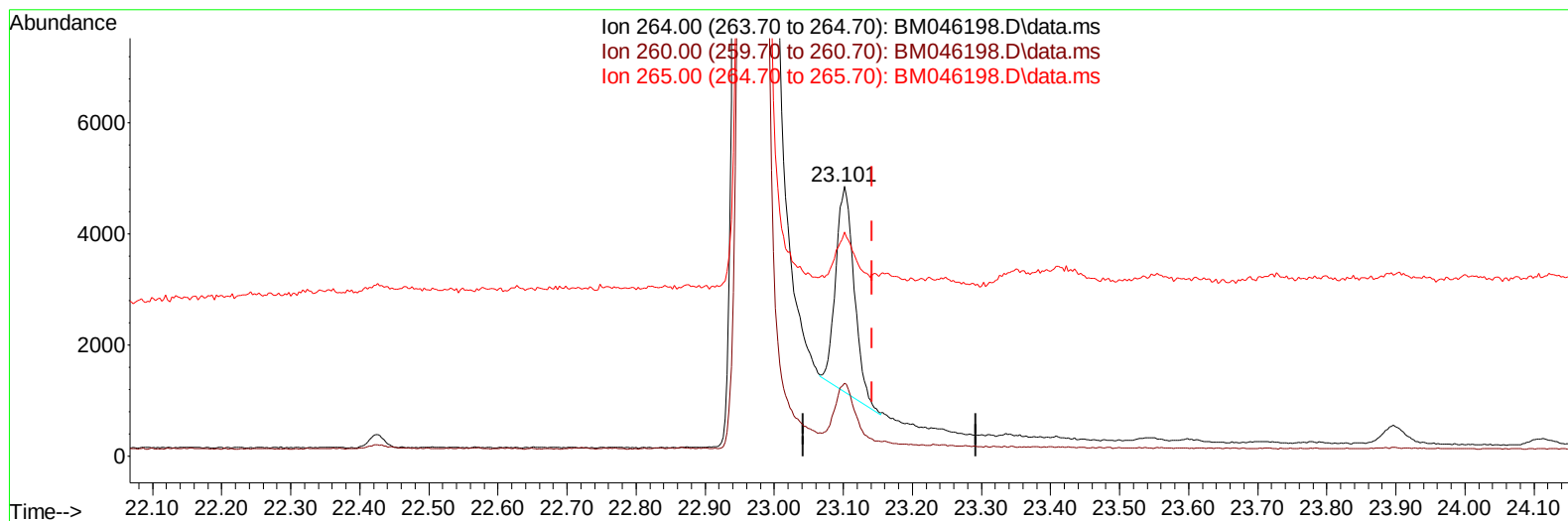
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046198.D
 Acq On : 22 Jun 2024 15:15
 Operator : MA/JU
 Sample : P2775-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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 QLast Update : Sat Jun 22 02:10:56 2024
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 Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/ul m

response 6831

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.01
265.00	110.60	83.06#
0.00	0.00	0.00

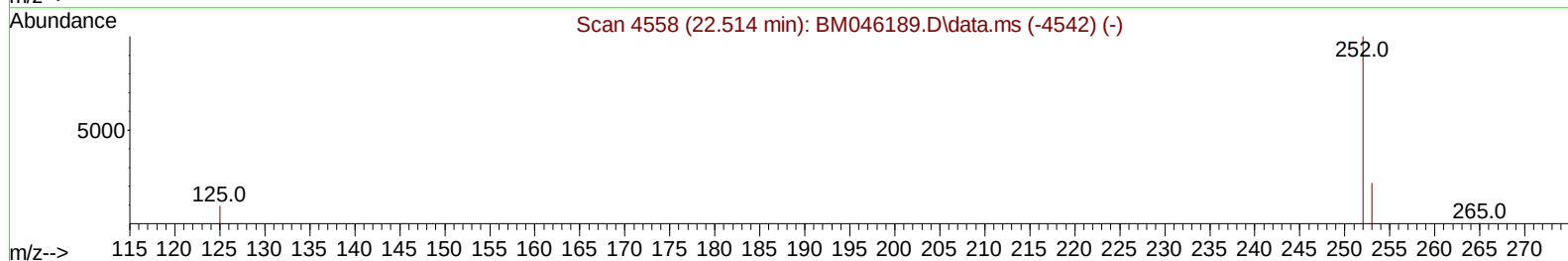
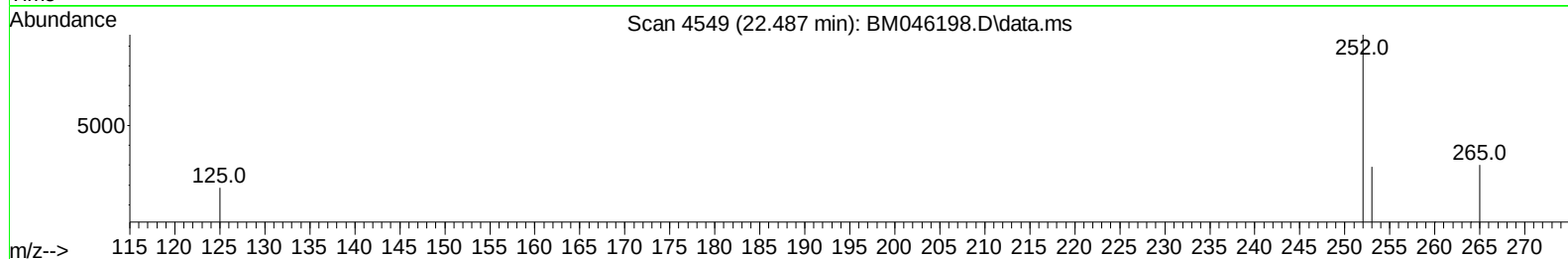
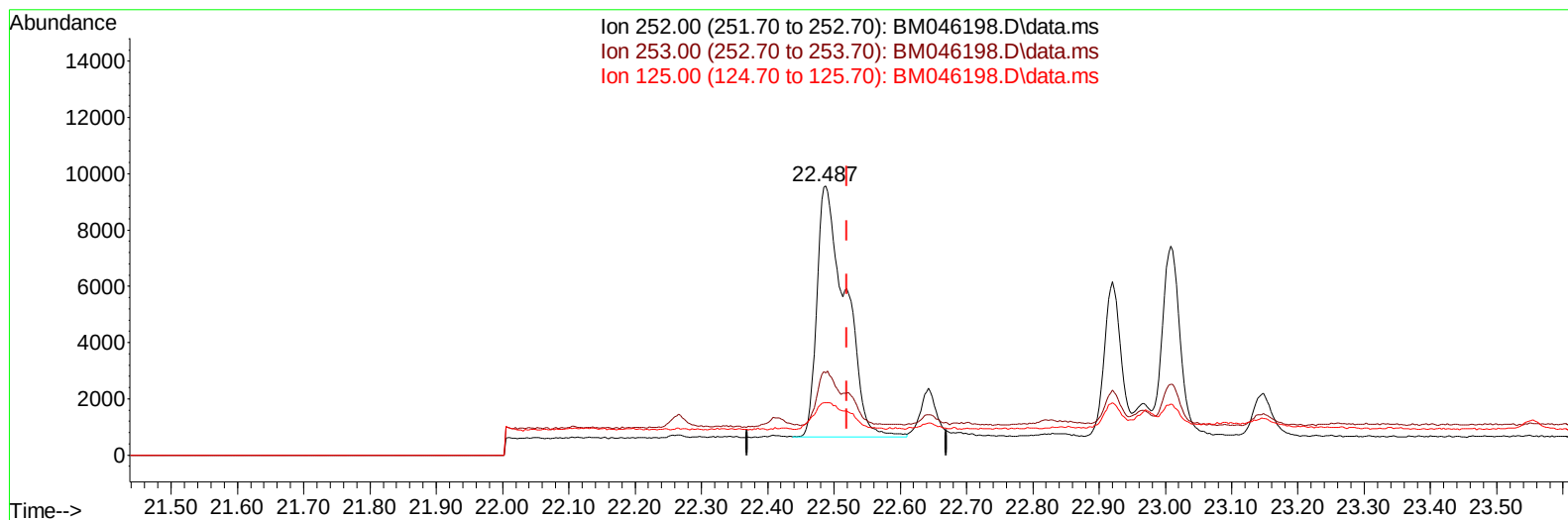
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

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TIC: BM046198.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.032) 1.09 ng/u1

response 26789

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	30.50
125.00	20.10	19.55
0.00	0.00	0.00

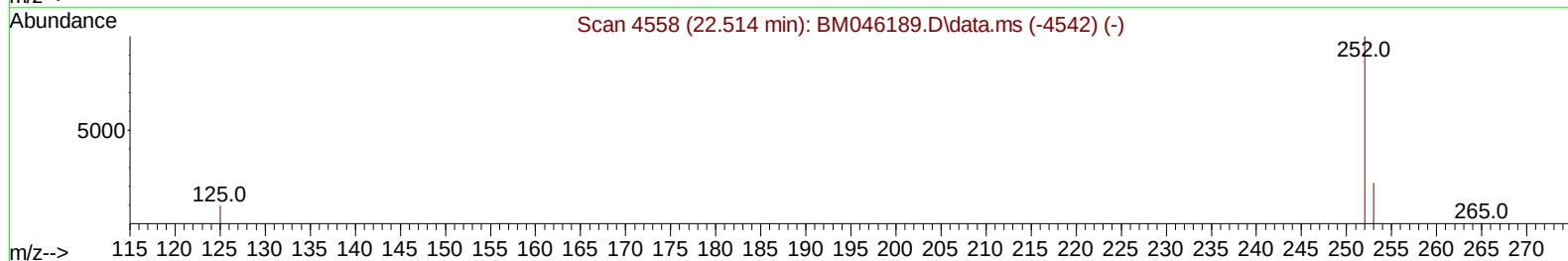
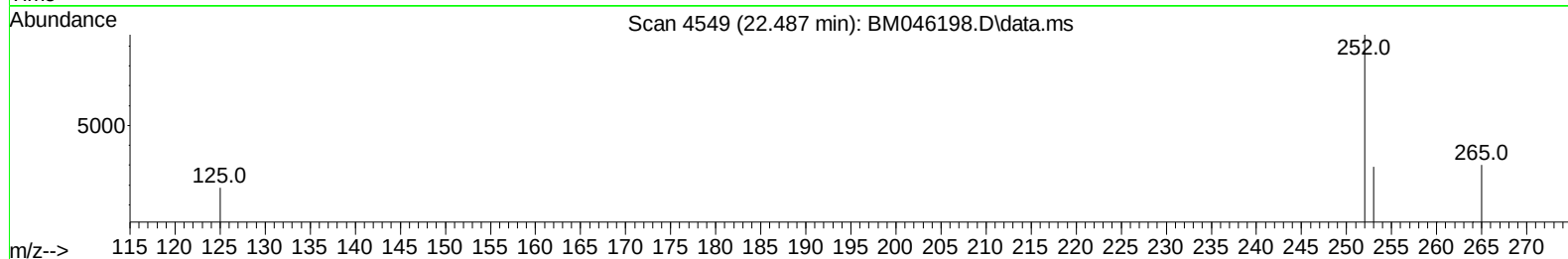
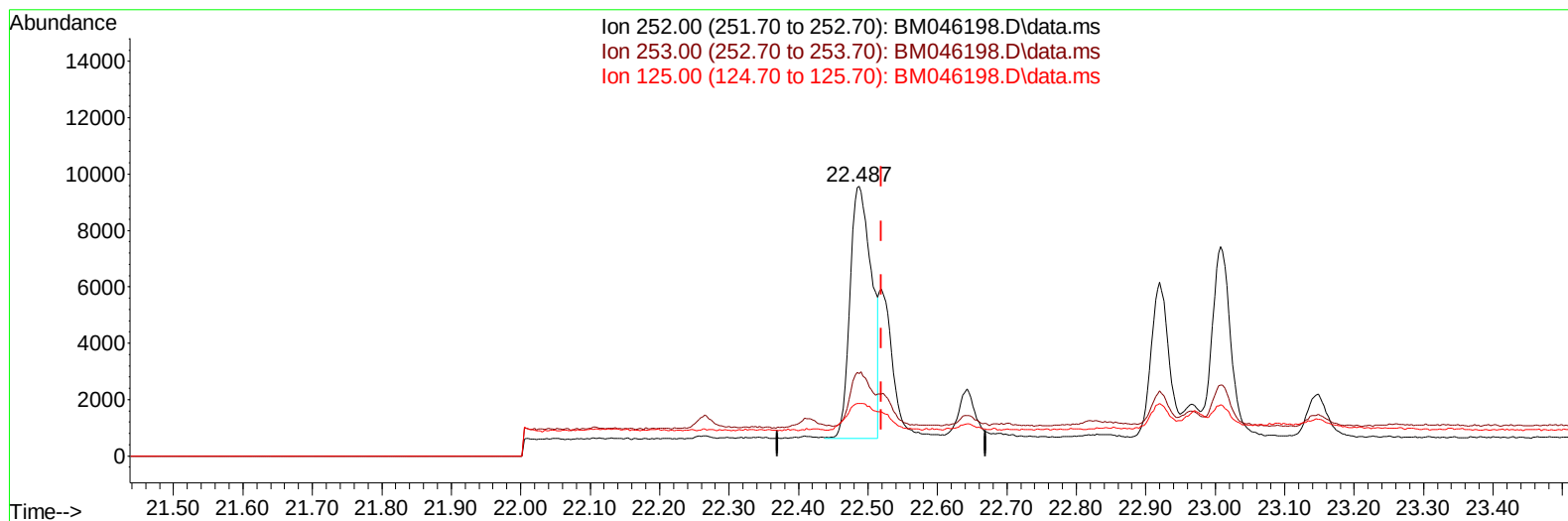
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.032) 0.79 ng/u l m

response 19453

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	30.50
125.00	20.10	19.55
0.00	0.00	0.00

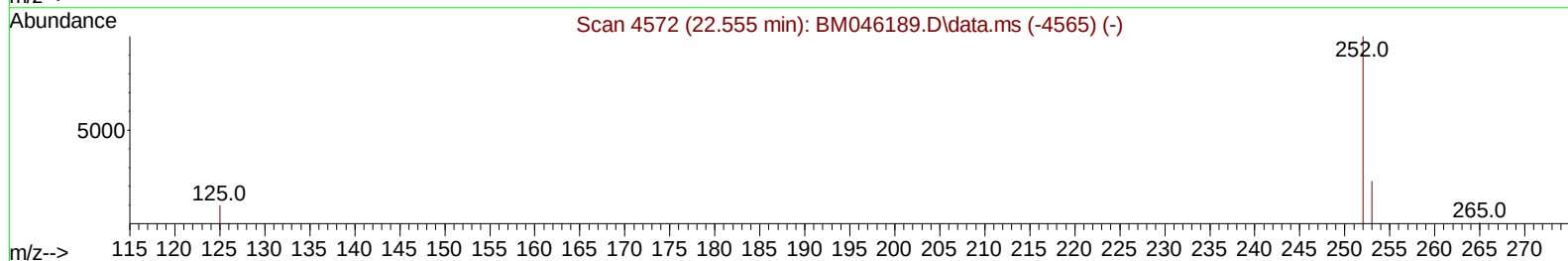
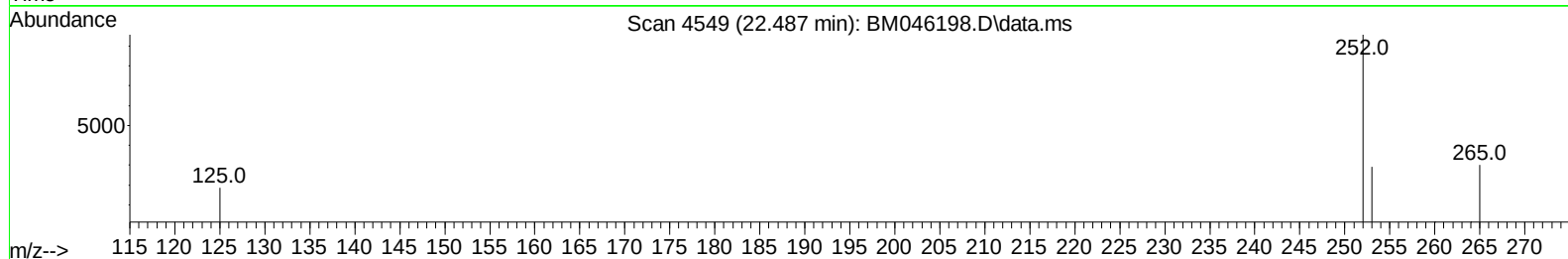
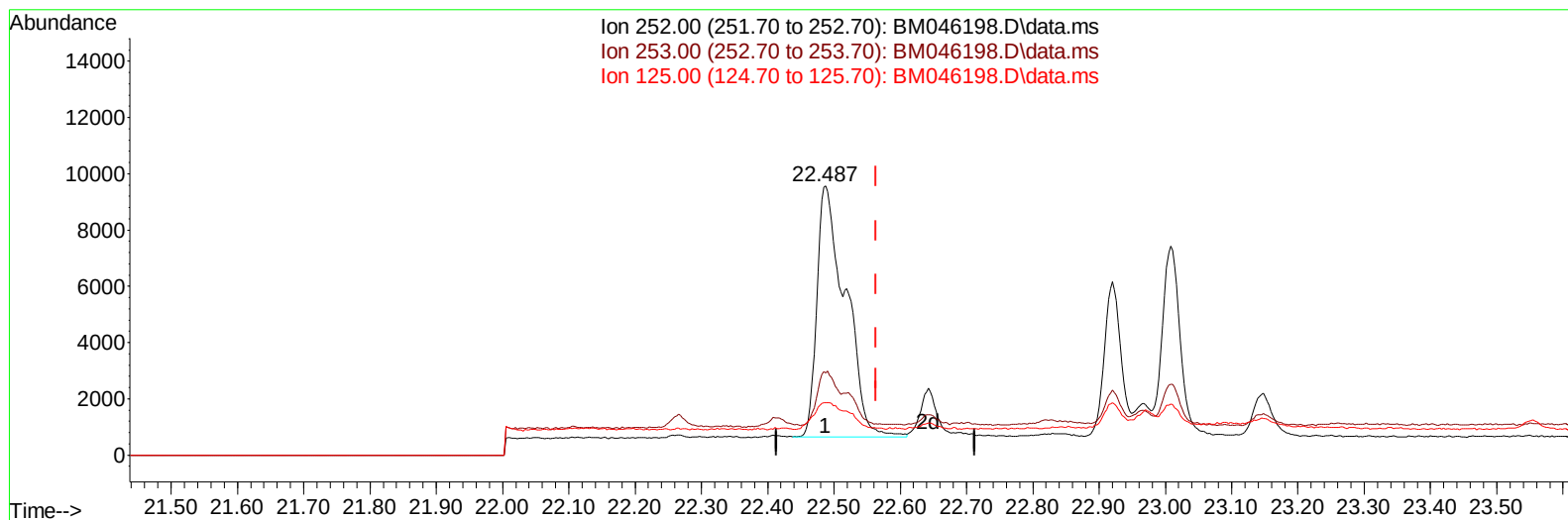
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(25) Benzo(k)fluoranthene

22.487min (-0.076) 0.92 ng/u1

response 26789

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	30.50
125.00	20.80	19.55
0.00	0.00	0.00

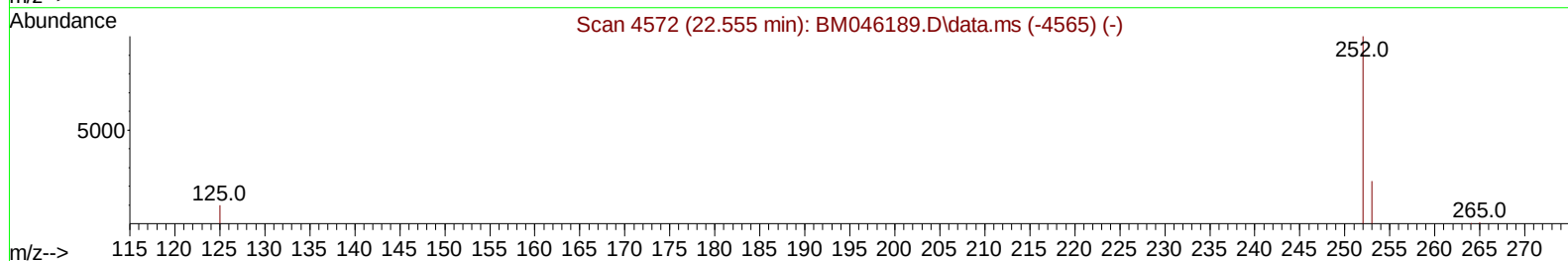
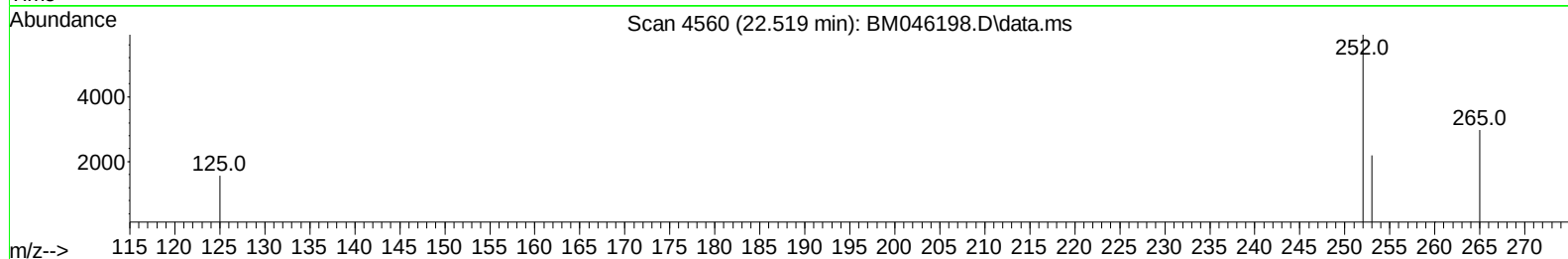
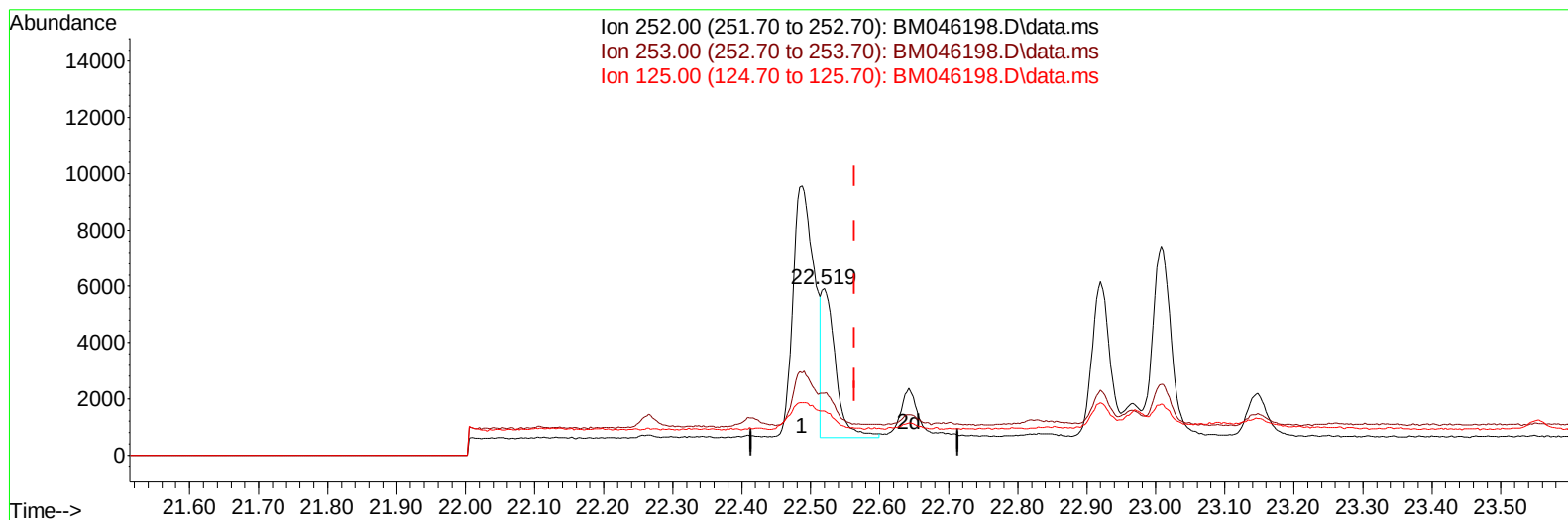
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046198.D
Acq On : 22 Jun 2024 15:15
Operator : MA/JU
Sample : P2775-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C97

Manual IntegrationsAPPROVED

Quant Time: Jun 22 15:53:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046198.D\data.ms

(25) Benzo(k)fluoranthene

22.519min (-0.044) 0.26 ng/ul m

response 7481

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	37.24
125.00	20.80	26.64#
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.413	152		2232	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.187	136		6912	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.061	164		3868	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.807	188		8154m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.015	240		6348m	0.400	ng/ul	-0.03
23) Perylene-d12	23.101	264		6831m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		9199	3.004	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.815	152		2167	0.233	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212		4699	0.247	ng/ul	-0.04
Target Compounds							Qvalue
5) Naphthalene	10.231	128		458	0.024	ng/ul#	50
10) Acenaphthylene	13.784	152		2178	0.119	ng/ul#	90
11) Acenaphthene	14.121	153		433	0.033	ng/ul#	88
12) Fluorene	15.121	166		658	0.046	ng/ul#	94
15) Phenanthrene	16.849	178		12779m	0.558	ng/ul	
16) Anthracene	16.942	178		3267m	0.191	ng/ul	
19) Fluoranthene	18.871	202		28187	1.026	ng/ul	98
20) Pyrene	19.233	202		25118	0.845	ng/ul	98
21) Benzo(a)anthracene	20.997	228		13162	0.537	ng/ul	95
22) Chrysene	21.050	228		12720	0.406	ng/ul	96
24) Benzo(b)fluoranthene	22.487	252		19453m	0.790	ng/ul	
25) Benzo(k)fluoranthene	22.519	252		7481m	0.256	ng/ul	
26) Benzo(a)pyrene	23.008	252		12502	0.548	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.155	276		10260	0.275	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.155	278		2343	0.084	ng/ul#	46
29) Benzo(g,h,i)perylene	25.776	276		10417	0.325	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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